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 ... peak heights corresponding to the **matching images** and those ... divided by the number of **image** pixels. ... one to build a joint **Fourier-transform** correlator operating ...

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### [PPT] Optimal Adaptive Wavelet Bases

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 ... Short Time **Fourier Transform** (STFT). ... **Matched** Filter, Correlation Detector. ... Fine tuning of several parameters related to local **image** statistics, Result in large ...

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 ... target identification • Data string **matching** Multiple inputs ... infra-red cameras • X-ray **images** • mm-wave ... is performed using the **Fourier transforms** of both ...

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 ... Approximation Error 377 □ iehpisr Linear **Fourier** Approximations 378 ... Besov Spaces 3 394 □ ist **Image** Approximations with ... 418 □ i□vçisr **Matching** Pursuit 421 ...

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### [PDF] 2D Fast Rotational Matching

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 ... 2D alignment: 3 **transformation** parameters for **matching** two 2D ... a limiting factor in **image** processing • Commonly ... n r h The 2D **Fourier transform** of correlation ...

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### [PDF] Author Guidelines for 8

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 ... This can be efficiently computed using the Fast **Fourier Transform**. ... each **image** strips smoothes the row **images**, and improves the **image matching** robustness. ...

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... B. Javidi, "Joint **transform image** correlation using a binary spatial light modulator at the **Fourier** plane", Appl. ... of a quadrupole in **matched** filtering", Opt. ...  
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 ... by a rotation, and so, their **Fourier transforms** are related ... semi-automatically: once we find the **matching** points on the two **images**, we can use **imaging** tools to ...

[www.cs.utep.edu/vladik/2001/tr01-20a.pdf](http://www.cs.utep.edu/vladik/2001/tr01-20a.pdf) - [Similar pages](#)

### [Keith Price Bibliography A. Matching; stereo](#)

 ... Multi-**Image Matching**, CVPR 96(358-363). BibRef. Bonmassar, G., Schwartz, EL, Lie Groups, Space-Variant **Fourier** Analysis And The Exponential Chirp **Transform**, ...

[iris.usc.edu/Vision-Notes/rosenfeld/rosen1996114.html](http://iris.usc.edu/Vision-Notes/rosenfeld/rosen1996114.html) - 32k - [Cached](#) - [Similar pages](#)

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 ... hold the complex conjugate of the **Fourier transform** of the ... output the other three **images** as the closest-**matching images**. ... As expected, the leftmost **image** of Fig ...

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 ... Thesaurus: Ferroelectric liquid crystals; **Fourier transform** optics; **Image** recognition; Liquid ... modulators; Binary phase-only **matched** filter; Nonlinear ...

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 ... **transformation** invariant and fast speed **matching** tools The ... is de ned as the Discrete **Fourier Transform** DFT of ... boundary is discretized in the **image** domain and ...

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 ... ing problems with direct peak extraction and **matching**. ... extracted from the DFT magnitude **image** [10 ... zero mean, and its discrete **Fourier transform** magnitude **image** ...

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 ... ectively computed via the generalized **Fourier transform** and we ... and scale selective lters For **images** that are ... that it extends the peak **matching** property of ...

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 ... the case in applications such as **image** classification and ... 3-D contours, and develop a **matching** algorithm that ... We formulate the discrete **Fourier transform** of a 3 ...

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... log polar map (LPM) of the **Fourier** transformed stego ... to address the general template **matching** prob- lem ... and T Pun Secure robust digital **image** watermarking using ...

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### Digital Image Processing - outline

... Umbaugh - chapter 5. PDEs in **image** processing; Motion: ... Prior knowledge of **Fourier transforms** is very useful. ... and then perform histogram equalization and **matching**. ...

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 ... segmentation, feature extraction and **matching** are completely ... Fusion Module; IPM:

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 ... of **image** parts with most frequent greyvalues (**road** surface ... N-1 Notation for computing the **Fourier Transform**:  $G_{uv} \dots F^{-1} \{ G_{uv} \}$  Computes **image** representation as ...

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 ... Lecture 7 Alignment, projection **matching** Helen Saibil ... micrographs Bracewell, RN (1989) The **Fourier transform**. ... html EMBO Practical Course: **Image** Processing for ...

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 ... of the SCSI cable designed for impedance **matching**. ... breaking down or applying digital **image** filters ... Product Category Results for "fast **fourier transform** analysis ...

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 ... Properties of convolution. 2D **Fourier Transform** (FT). FT properties. ... Edge detection.

**Image** segmentation. ... Pattern **Matching**. Phone-Like-Units (PLU) Recognizers. ...

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 ... and **match** a large number of **images** efficiently, we **transform** each omnidirectional view into a compact representation by expanding it into its **Fourier** series. ...

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... displacement (or velocity), a block **matching** procedure is ... displacement field defines a "deformed **image**",  $g(x \dots \text{space, defin- ing the Fourier transform } h \text{ of } \dots$ www.edpsciences.org/articles/ epjap/pdf/2002/03/ap01131.pdf - [Similar pages](#)**[PDF] Unsupervised clustering of texture features using SOM and fourier ...**File Format: PDF/Adobe Acrobat - [View as HTML](#)... and remote sensing to medical **image matching**/diagnosis ... wavelet-based features, and **Fourier transform** based features ... represent/ identify a given **image** or pattern ...infocom.cqu.edu.au/Staff/ Brijesh\_Verma/praci/ijcnn03vm.pdf - [Similar pages](#)Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [Next](#) [Search within results](#) | [Language Tools](#) | [Search Tips](#)[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

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*Soo-Chang Pei; Ja-Han Chang; Jian-Jiun Ding;*

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 52 , Issue: 7 , July 2004

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**2 Optical pattern recognition: architectures and techniques**
*Yu, F.T.S.; Gregory, D.A.;*

Proceedings of the IEEE , Volume: 84 , Issue: 5 , May 1996

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**3 Destriping CMODIS data by power filtering**
*Jinsong Chen; Yun Shao; Huadong Guo; Weiming Wang; Boqin Zhu;*

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 41 , Issue: 9 , Sept. 2003

Pages:2119 - 2124

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**4 Dipole antenna coaxially mounted on a conducting cylinder**
*Tsai, L.;*

Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988] , Volume: 21 , Issue: 1 , Jan 1973

Pages:89 - 94

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**5 Digital processing considerations for extraction of ocean wave image spectra from raw synthetic aperture radar data**

*LaHaie, I.; Dias, A.; Darling, G.;*

Oceanic Engineering, IEEE Journal of , Volume: 9 , Issue: 2 , April 1984

Pages:114 - 120

[\[Abstract\]](#) [\[PDF Full-Text \(728 KB\)\]](#) [IEEE JNL](#)

**6 Fast PET EM reconstruction from linograms**

*Hamill, J.; Michel, C.; Kinahan, P.;*

Nuclear Science, IEEE Transactions on , Volume: 50 , Issue: 5 , Oct. 2003

Pages:1630 - 1635

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**7 Karhunen-Loe/spl acute/ve expansion of a set of rotated templates**

*Jogan, M.; Zagar, E.; Leonardis, A.;*

Image Processing, IEEE Transactions on , Volume: 12 , Issue: 7 , July 2003

Pages:817 - 825

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**8 Spread-space holographic CDMA technique: basic analysis and applications**

*Abtahi, M.; Salehi, J.A.;*

Wireless Communications, IEEE Transactions on , Volume: 1 , Issue: 2 , April

Pages:311 - 321

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**9 Theory of synthetic aperture radar imaging of a moving target**

*Jen King Jao;*

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 39 , Issue:

9 , Sept. 2001

Pages:1984 - 1992

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**10 Recognition of head-and-shoulder face image using virtual frontal-image**

*Feng, G.C.; Yuen, P.C.;*

Systems, Man and Cybernetics, Part A, IEEE Transactions on , Volume: 30 , Is

6 , Nov. 2000

Pages:871 - 882

[\[Abstract\]](#) [\[PDF Full-Text \(740 KB\)\]](#) [IEEE JNL](#)

**11 Discrete chirp-Fourier transform and its application to chirp rate estimation**

*Xiang-Gen Xia;*

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Sigr



Processing, IEEE Transactions on] , Volume: 48 , Issue: 11 , Nov. 2000  
Pages:3122 - 3133

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12 **Robust template matching for affine resistant image watermarks**

*Pereira, S.; Pun, T.;*

Image Processing, IEEE Transactions on , Volume: 9 , Issue: 6 , June 2000  
Pages:1123 - 1129

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13 **Pattern matching image compression: algorithmic and empirical re:**

*Atallah, M.; Genin, Y.; Szpankowski, W.;*

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume:  
21 , Issue: 7 , July 1999  
Pages:614 - 627

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14 **Progressive wavelet correlation using Fourier methods**

*Stone, H.S.;*

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Pages:97 - 107

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15 **Two-dimensional matched filtering for motion estimation**

*Milanfar, P.;*

Image Processing, IEEE Transactions on , Volume: 8 , Issue: 3 , March 1999  
Pages:438 - 444

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Ben-Arie, J.; Nandy, D.;

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume:

20 , Issue: 5 , May 1998

Pages:449 - 457

[\[Abstract\]](#)[\[PDF Full-Text \(808 KB\)\]](#)

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17 **Target orientation estimation using Fourier energy spectrum**

Chandra, D.V.S.;

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 34 , Issue:

3 , July 1998

Pages:1009 - 1012

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18 **Joint time-frequency transform for radar range-Doppler imaging**

Chen, V.C.; Shie Qian;

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 34 , Issue:

2 , April 1998

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IEEE JNL

19 **Use of Fourier and Karhunen-Loeve decomposition for fast pattern matching with a large set of templates**

Uenohara, M.; Kanade, T.;

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume:

19 , Issue: 8 , Aug. 1997

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**20 Space-variant Fourier analysis: the exponential chirp transform**

*Bonmassar, G.; Schwartz, E.L.;*

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 19 , Issue: 10 , Oct. 1997

Pages:1080 - 1089

[\[Abstract\]](#) [\[PDF Full-Text \(952 KB\)\]](#) IEEE JNL

**21 An FFT-based technique for translation, rotation, and scale-invariant image registration**

*Reddy, B.S.; Chatterji, B.N.;*

Image Processing, IEEE Transactions on , Volume: 5 , Issue: 8 , Aug. 1996

Pages:1266 - 1271

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**22 The effect of pulse phase errors on the chirp scaling SAR processing algorithm**

*Davidson, G.W.; Wong, F.; Cumming, I.;*

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 34 , Issue: 2 , March 1996

Pages:471 - 478

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**23 Analysis of transient behavior of vertical interconnects in stacked circuit board layers using quasi-static techniques**

*Guang-Wen Pan; Xiaojun Zhu; Gilbert, B.K.;*

Components, Packaging, and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 18 , Issue: 3 , Aug 1995

Pages:521 - 531

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**24 Image compression based on best wavelet packet bases**

*Daechul Park; Moon Ho Lee;*

Consumer Electronics, IEEE Transactions on , Volume: 40 , Issue: 3 , Aug 1995

Pages:527 - 537

[\[Abstract\]](#) [\[PDF Full-Text \(856 KB\)\]](#) IEEE JNL

**25 Symmetric phase-only matched filtering of Fourier-Mellin transform image registration and recognition**

*Qin-Sheng Chen; Defrise, M.; Deconinck, F.;*

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 16 , Issue: 12 , Dec. 1994

Pages:1156 - 1168

[\[Abstract\]](#) [\[PDF Full-Text \(1624 KB\)\]](#) **IEEE JNL**

**26 An algorithm for wideband matching using Wiener-Lee transforms**

*Carlin, H.J.; Civalieri, P.P.;*

Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on [see also Circuits and Systems I: Regular Papers, IEEE Transactions on] , Volume: 39 , Issue: 7 , July 1992

Pages:497 - 505

[\[Abstract\]](#) [\[PDF Full-Text \(704 KB\)\]](#) **IEEE JNL**

**27 Application of velocity filtering to optical-flow passive ranging**

*Barniv, Y.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 28 , Issue: 4 , Oct. 1992

Pages:957 - 969

[\[Abstract\]](#) [\[PDF Full-Text \(956 KB\)\]](#) **IEEE JNL**

**28 Recent advances in analog signal processing**

*Grant, P.M.; Withers, R.S.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 26 , Issue: 5 , Sept. 1990

Pages:818 - 849

[\[Abstract\]](#) [\[PDF Full-Text \(3224 KB\)\]](#) **IEEE JNL**

**29 The circular harmonic transform for SPECT reconstruction and boundary conditions on the Fourier transform of the sinogram**

*Hawkins, W.G.; Leichner, P.K.; Yang, N.-C.;*

Medical Imaging, IEEE Transactions on , Volume: 7 , Issue: 2 , June 1988

Pages:135 - 138

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**30 Edge image description using angular radial partitioning**

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